

CLAIMS

1. A method for notifying a central authority of changes to a trusted computing installation, comprising the steps of:

5 determining that a user has made a security modification to a portion of the trusted computing installation under user control;

determining that the security modification is a notification event of interest; and

10 sending the central authority a notification of the security modification.

2. The method as described in Claim 1 wherein the notification event is a failed applet signature
15 verification.

3. The method as described in Claim 1 wherein the notification event is an addition of a certificate in a certificate database.
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4. The method as described in Claim 1 wherein the notification event is a modification of a certificate in a certificate database.

25 5. The method as described in Claim 1 wherein the

notification is an SNMP alert.

6. The method as described in Claim 1 wherein the notification is an e-mail.

7. The method as described in Claim 1 wherein the notification is a log in an online database.

8. The method as described in Claim 1 wherein the notification is a screen message.

9. A method of notifying a central authority of changes to a trusted computing installation, comprising the steps of:

determining that a user has made a security modification to a portion of the trusted computing installation under user control;

invoking a security notification manager class;

instantiating the security manager class with an instance that determines that the security modification is a notification event of interest; and

sending the central authority a notification of the security modification.

10. The method as described in Claim 9 wherein the

notification is selected from a group of notifications consisting of: an SNMP alert, an e-mail, a database log, and a screen message.

a! 5 11. The method as described in Claim 9 wherein the determining step executes a given control routine when the user has made a security modification to a portion of the trusted computing installation under user control.

10 12. The method as described in Claim 11 wherein the portion of the trusted computing installation is an applet signature verification routine.

15 13. The method as described in Claim 11 wherein the portion of the trusted computing installation is a certificate modification routine.

20 14. A method for notifying a central authority of changes to a trusted computing installation, comprising the steps of:

upon a given security modification, invoking a security notification manager class;

extending the security notification manager class with one of a set of instances, wherein a given instance 25 determines that the security modification is a

notification event of interest; and

sending the central authority a notification of the security modification.

a 5 15. A computer program product in a computer-useable medium for notifying an authority of changes to a trusted computing installation, comprising:

a security notification manager class;

10 at least one class instance for the security notification manager class for determining that a given security modification is a notification event of interest; and

means for sending the authority a notification of the given security modification.

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16. The computer program product as described in Claim 15 wherein the notification is selected from a group of notifications consisting of: an SNMP alert, an e-mail, a database log, and a screen message.

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17. The computer program product as described in Claim 15 further including a control routine for determining when the user has made a security modification to a portion of the trusted computing installation to generate the given security modification.

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a 18. A computer program product in a
computer-readable medium for notifying an authority of
5 changes to a trusted computing installation, comprising:

a control routine executed upon a given security
modification in the trusted computing installation for
invoking an abstract Java class;

10 at least one class instance for the abstract Java
class for determining that the given security
modification is a notification event of interest; and

means for sending the authority a notification of
the given security modification.

15 19. A trusted computing base, comprising:

untrusted code executing in the trusted computing
base;

20 means operative as the untrusted code is executed
for determining whether a given security modification has
occurred;

means responsive to the occurrence of the given
security modification for invoking a security
notification manager class that issues a given
notification.

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20. The trusted computing base as described in Claim 19 further including a set of one or more security notification manager class instances, wherein a given security notification manager class instance extends the security notification manager class to identify a given security modification of interest.

21. The trusted computing base as described in Claim 20 wherein a given security manager class instance includes at least first and second rules, wherein the first rule triggers a first notification and the second rule triggers a second notification.

22. A notification service for a trusted computing installation, comprising:

a pluggable framework for receiving a set of notification objects, wherein each notification objects identifies a given notification that is issued upon a given security modification to the trusted computing installation; and

means for issuing the given notification upon the occurrence of its associated security modification.

23. The notification service as described in Claim 22 wherein the given notification is selected from a

group of notifications consisting of: an SNMP alert, an e-mail, a database log, and a screen message.

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